MED. INTEL.

ANNUAL REPORT

OF THE

Medical Officer of Health

OF THE

GRIMSBY

RURAL DISTRICT COUNCIL

FOR THE YEAR, 1937

BY

G. HOLROYD,

M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (Lond.)

MEDICAL OFFICER OF HEALTH.

GRIMSBY :

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Grimsby Rural District Council.

Offices :—DEANSGATE, GRIMSBY.
Tel. :—Grimsby 5371.

Port Sanitary Office :—IMMINGHAM DOCKS.
Tel. :—Immingham 18 and 6.

———

CHAIRMAN OF COUNCIL—
GEORGE TICKLER, Esq., J.P.

———

CHAIRMAN OF HEALTH COMMITTEE—
H. J. MARSHALL, Esq.

———

CLERK TO THE COUNCIL—
T. J. HARRISON, Esq.

———

MEDICAL OFFICER OF HEALTH—
DR. G. HOLROYD.

———

ASSISTANT PORT MEDICAL OFFICER—
DR. C. M. ELLIOTT.
Resigned (31-12-37).

———

DEPUTY PORT MEDICAL OFFICER—
DR. J. H. WARD.
Appointed (1-1-38).

———

SANITARY INSPECTOR—
Mr. C. KING, C.R.S.I.

———

PORT SANITARY INSPECTOR FOR THE PORT OF IMMINGHAM—
Mr. W. A. CUNDY, C.R.S.I.

Grimsby Rural District Council.

REPORT OF THE MEDICAL OFFICER OF HEALTH.

To the Chairman and Members of the
Grimsby Rural District Council.

Gentlemen,

I have the honour to present my Annual Report on the Health and Sanitary conditions of the Grimsby Rural District during the period 1st January to 31st December, 1937.

The Birth Rate (15.24) and the Death Rate (9.81) show an improvement on last year and compare favourably with the figures for the country as a whole namely, 14.9 and 12.4 respectively.

The number of cases of Infectious Diseases, excluding Tuberculosis, was 56; this is an increase as compared with 1936 and is chiefly attributed to a mild epidemic of Scarlet Fever during the Spring.

Considerable progress has been made towards the improvement in housing conditions in the Rural District. 14 Clearance Orders, involving 61 houses, were submitted to the Minister of Health, following after which an Inquiry was held on the 19th August, 1937. In November, 1937, the Minister notified the Council of his decision to confirm 9 of the Orders and 2 of the Orders with Modifications.

I made Representation concerning a further 18 Clearance Areas, and Orders were made by the Council in October in respect thereof.

Power under the Housing (Rural Workers) Acts 1926 and 1931 has been delegated to the Rural District Council—this step has considerably facilitated progress in improving the local housing conditions.

I am indebted to the County Medical Officer of Health and my staff for their assistance in compiling this report.

My thanks are due to the Chairman of the Council, the Clerk and the Surveyor for the interest they have shown and their support that has at all times been accorded to me during the year.

I have the honour to be,
Gentlemen,
Your odedient Servant,
G. HOLROYD,
Medical Officer of Health.

SECTION " A."

STATISTICS

AND

SOCIAL CONDITIONS OF THE AREA.

SECTION A.—

Area of District in Acres	39,647
Population (Registrar General's estimate mid 1937)	11,610
Rateable Value	£42,738
Sum represented by Penny Rate	£163
Number of Inhabited Houses (end of 1937) ...	3,350
Number of Families as separate occupiers ...	3,314

Social Conditions of the Area.

The Area is mainly agricultural, with the exception of the Port of Immingham and certain factories concerned in the manufacture of fish products and biscuits, situate near the adjoining County Borough of Grimsby.

Vital Statistics.

		Male.	Female.	Total.	
Live Births—	Legitimate ...	89	80	169	Birth Rate per 1,000 of the estimated resident population 15·24.
	Illegitimate ...	1	7	8	

		Male.	Female.	Total	
Still Births—	Legitimate ...	4	3	7	Rate per 1,000 Live and Still Births 39·54.
	Illegitimate ...	—	—	—	

Death Rate per 1,000 of the estimated resident population 9.81

Deaths from Puerperal causes (Headings 29 and 30 of the Registrar General's Short List).

		Deaths.	Rate per 1,000 (Total Live and Still Births).
No. 29	Puerperal Sepsis ...	—	—
No. 30	Other puerperal Causes	—	—

		Male	Female
Deaths of Infants under 1 year—	Legitimate	6	1
	Illegitimate	–	–

Notifiable Diseases.

Smallpox	Nil
Scarlet Fever	33
Diphtheria	1
Enteric Fever	Nil
Puerperal Pyrexia	2
Erysipelas	2

Death Rate of Infants under one year of age.

All infants per 1,000 Live Births	39.54
Legitimate infants per 1,000 Legitimate— Live Births	39.54
Illegitimate infants per 1,000 Illegitimate— Live Births	Nil
Deaths from Cancer (all ages)	23
Deaths from Measles (all ages)	Nil
Deaths from Whooping Cough (all ages)	Nil
Deaths from Diarrhoea (under 2 years of age) ...	Nil

There was no excessive or unusual mortality during the year requiring comment.

Additional Statistics are appended following the suggestions of the Ministry of Health regarding :—

CAUSES OF DEATHS IN INFANTS, 1937, WITH REFERENCE TO AGE AND PARISH.

PARISHES.	Under one day.	Over one day and under one month.	Over one month and under six months.	Over six months and under one year.	TOTALS.
Habrough ...	—	1	—	—	1
Healing ...	—	1	—	—	1
Humberston ...	—	—	—	1	1
Immingham ...	—	—	1	—	1
Stallingborough...	—	1	—	—	1
Waltham ...	—	—	2	—	2
Totals ...	—	3	3	1	7
Diseases—					
Convulsions ...	—	1	1	—	2
Pneumonia ...	—	—	—	1	1
Heart Disease ...	—	—	1	—	1
Meningitis ...	—	—	1	—	1
Premature Birth	—	1	—	—	1
Congenital Debility ...	—	1	—	—	1
Totals ...	—	3	3	1	7

Causes of Death in Grimsby Rural District.

	CAUSE OF DEATH.	1937	
		Males	Fem.
1	Typhoid and Paratyphoid Fevers	—	—
2	Measles	—	—
3	Scarlet Fever	—	—
4	Whooping Cough	—	—
5	Diphtheria	—	—
6	Influenza	8	2
7	Encephalitis Lethargica	—	—
8	Cerebro-Spinal Fever	—	—
9	Tuberculosis of Respiratory System	3	3
10	Other Tuberculous Diseases ...	2	—
11	Syphilis	—	1
12	General Paralysis of the Insane, Tabes Dorsalis	—	1
13	Cancer, Malignant Disease ...	7	16
14	Diabetes	1	1
15	Cerebral Haemorrhage, etc. ...	4	6
16	Heart Disease	9	18
17	Aneurysm	1	1
18	Other Circulatory Diseases ...	1	2
19	Bronchitis	—	—
20	Pneumonia (all forms)	3	1
21	Other Respiratory Diseases ...	—	1
22	Peptic Ulcer	1	—
23	Diarrhoea, etc. (under 2 years) ...	—	—
24	Appendicitis	1	—
25	Cirrhosis of Liver	—	—
26	Other Diseases of Liver, etc. ...	—	—
27	Other Digestive Diseases ...	1	1
28	Acute and Chronic Nephritis ...	—	—
29	Puerperal Sepsis	—	—
30	Other Puerperal Causes	—	—
31	Congenital Debility, Premature Birth, Malformations, etc. ...	5	1
32	Senility	1	2
33	Suicide	—	—
34	Other Violence	3	1
35	Other Defined Diseases	3	2
36	Causes ill-defined or unknown ...	—	—
	TOTALS	54	60

SECTION "B."

GENERAL PROVISION

OF

HEALTH SERVICES IN THE AREA.

SECTION B.

1. Staff of the Health Department.

This is shewn at the beginning of the Report, page 1.

2. (*a*) Laboratory Facilities.

Specimens for diagnostic and other purposes are sent to the laboratory at the Cleethorpes Health Department, the County Laboratory, Lincoln, and to the Clinical Research Association, London.

Examination of rats from the Port of Immingham for the presence of plague is performed by your Medical Officer at the Laboratory, Cleethorpes.

(*b*) Ambulance Facilities.

Removal by ambulance is an inclusive charge of the Infectious Disease Hospital receiving the case. For general cases this area is served by the ambulance of the adjoining Borough of Grimsby.

(*c*) Nursing in the Home.

Five District Nurses are stationed in the Rural District, one at each of the following places, namely : Great Coates, Laceby, Healing, Humberston and Immingham, and are under the supervision of the Lindsey Nursing Association. The services of an Infectious Disease Nurse and Health Visitors are provided by the Lindsey County Council, who administer the Tuberculosis, School, and Maternity and Child Welfare Services in this area.

(*d*) The Lindsey County Council, from the Clinic, St. Hugh's Avenue, Cleethorpes, provide the following specialist and consultant services :—

Clinic.	*Day.*	*Hour.*
Tuberculosis	Wednesday	2-0 p.m.
School	Wednesday	9-30 a.m.
School Nurse attends :—		
	Monday, Wednesday and Thursday	9-30 a.m.
	Tuesday and Friday	2-0 p.m.

Clinic.	*Day.*	*Hour.*
Eye	Friday ... ... (By appointment).	10-0 a.m.
Infant Welfare	Thursday	2-0 p.m.
Ante-Natal	Tuesday	9-30 a.m.
Special (Female) Treatment	Thursday	10-30 a.m.
Orthopaedic	4th Monday of Month (By appointment).	2-30 p.m.
Massage	Monday and Thursday	10-0 a.m.
U.V.R.	Monday and Thursday	10-0 a.m.
Dental	Daily	9-30 a.m.
Rheumatism and Heart ...	3rd Wednesday of Month ... ... (By appointment).	2-0 p.m.

Additional Clinics are held at the following places :—

Immingham, Parish Mission, Pelham Road.

School	Mondays, fortnightly	2-15 p.m.
Infant Welfare	4th Monday in Month	2-30 p.m.

Laceby, Wesleyan Sunday School.

Infant Welfare	3rd Wednesday in month	2-30 p.m.

Waltham, Temperance Hall.

Infant Welfare	2nd Wednesday in month	2-0 p.m.

The following Medical Officers and Nurses of the County Staff carry out work within the District :—

Dr. G. Holroyd	Tuberculosis and School Medical Officer.
Dr. A. C. Easterbrook	Ante-Natal, Eye, Child Welfare and V.D. Clinics.
F. E. Padgett, L.D.S., R.C.S.	Dental Officer.
Miss E. I. Jenkinson, S.R.M., Cert. C.M.B.	Health Visitor.
Miss V. Walker, S.R.N.	Health Visitor.
Miss C. Clarke, S.R.N., Cert. C.M.B. ...	Health Visitor.
Miss Gilsenan, Cert. C.M.B.	Health Visitor.
Miss E. Smith, S.R.N., Cert. C.M.B. ...	Health Visitor.
Miss M. Carew-Fisher	Dental Nurse.
Mrs. Schute	Secretary.

(*e*) **Hospitals.**

The Rural District is a constituent member of a Joint Board under the North East Lindsey Hospital Scheme, using the Fever Hospital at Osgodby. Special cases may be sent to the Isolation Hospital, Grimsby, by agreement with the County Borough of Grimsby.

A separate Hospital at Osgodby for the reception of cases of Smallpox is similarly administered under a Joint Board on which this Council is represented.

SECTION "C."

SANITARY CIRCUMSTANCES OF THE AREA.

SECTION C.

(1). Water Supply.

Wells	New sunk	—
	Cleansed, repaired	4
	Closed as insufficient	2

Public Supply—Area supplied—Immingham, Great Coates, Healing, parts of Waltham, Laceby, Bradley and Brigsley.	
New Cisterns provided	3
Cisterns, cleansed, repaired, covered, etc.	8
Samples obtained for analysis	30
From Wells	30
From Public Supply	—

WATER SUPPLY.

30 samples of drinking water from various sources in the District were submitted to the Free Chlorine Test at this Office, resulting in three of the supplies from wells being closed.

(2) Drains.

Drains examined, tested, exposed, etc.	172
Drains unstopped, repaired, trapped, etc. ...	69
Waste pipes, rain water pipes disconnected, repaired, etc.	68
New soil pipes or ventilating shafts fixed	2
Existing soil pipes or ventilating shafts repaired ...	10
Drains reconstructed	9
Drains Inspection Chambers constructed or rebuilt	5

(3) Closets.

No. of houses with water closets in district ...	1,548
No of houses with privy vaults in district.	34
No. of houses with pail closets in district	2,848
No. of pail closets substituted for privy vaults ...	4
No. of pail closets repaired	38
No. of water closets substituted for dry receptacles	—
No. of water closets repaired	26

(4). Cesspools.

Cesspools constructed	7
Cesspools emptied, cleansed, etc.	26
Cesspools abolished	7
Cesspools rendered impervious	12

(5) Scavenging.

Number of Loads of House Refuse collected in each Parish during the year :—Barnoldby-le-Beck, 6½ ; Great Coates, 40 ; Habrough, 13 ; Healing, 66½ ; Humberston, 92½ ; Immingham, 164 ; Laceby, 76½ ; Stallingboro', 17 ; Waltham, 179.

Total for the year—655 loads.

The following Table shows the cost of scavenging the different Parishes for the year, 1937 :—

PARISH.	Night Soil Collection.	House refuse Collection.	Refuse Disposal	TOTAL.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Great Coates ...	Nil.	31 11 9	5 17 0	37 8 9
Habrough ...	70 19 4	27 11 0	2 18 9	101 9 1
Healing	Nil	69 14 5	9 14 5	79 8 10
Humberston ...	Nil	100 19 6	28 9 10	129 9 4
Humberston Fitties	63 0 0	Nil.	Nil.	63 0 0
Immingham ...	67 9 6	109 3 4	37 0 10	213 13 9
Laceby	125 10 3	79 9 9	11 3 7	216 3 7
Waltham	248 2 9	143 10 6	83 18 10	475 12 1
Stallingborough ...	16 10	25 10 10	2 9 8	28 17 4
Barnoldby-le-Beck	Nil.	5 19 3	1 18 5	7 17 8
TOTALS ...	£575 18 8	£593 10 5	£183 11 4	£1,353 0 5

House Refuse.

No. of new bins provided 281
No. of closet pails provided 37
No. of bins substituted for ashpits ... ... Not known
No. of houses using bins ... ... app. 3,829
Is refuse removed by householder or by Public Scavenger ?
Scavenging in the parishes of Great Coates, Healing, Habrough, Humberston, Laceby, Waltham, and Immingham is carried out by the Council.
At the remaining parishes refuse is removed by householders.
How frequently is the refuse removed from each house ?
Fortnightly.
No. of complaints of non-removal 34
Method of final disposal ... ... Burning and Tipping.
Are existing arrangements for refuse removal satisfactory ? ... ... Yes

SANITARY INSPECTION OF THE AREA

(1). Moveable Dwellings, Tents, Vans, etc.

No. inspected during the year	735
No. of nuisances therefrom abated	57
No. removed from district	12

(2). Offensive Trades.

No. of premises in district	16
(*a*) Fried Fish Shops	11
(*b*) Fish Meal Works	3
(*c*) Gut Scraper	Nil.
(*d*) Fish Curers	2
No. of inspections	287
Defects remedied	16

Offensive Trade Bye-laws are now in force.

(3). Canal Boats used as Dwelling-houses.

No. Registered under Acts	Nil.
No. of inspections	2
No. of Contraventions of Regulations	Nil.
No. of Contraventions remedied	Nil.

(4). Closet Accommodation.

Conversions of pail closets to water-carriage system	Nil.

Eradication of Bed Bugs.

		Infested.	*Disinfested.*
(1). No. of	(*a*) Council Houses ...	Nil	Nil
	(*b*) Other Houses ...	Nil	Nil

(2). Methods employed for freeing infested houses from bed-bugs : by Fumigation.

(3). Methods employed for ensuring that the belongings of tenants are free from vermin before removal to Council Houses ; Thorough inspection and fumigation when necessary.

(4). Work carried out by Local Authority.

(5). Supervision by frequent inspection.

FACTORIES, WORKSHOPS AND WORKPLACES.

1.—INSPECTION OF FACTORIES, WORKSHOPS and WORKPLACES.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises. (1)	Number of Inspections (2)	Written Notices (3)	Occupiers Prosecuted. (4)
FACTORIES ... ... (Including Factory Laundries)	62	8	Nil.
WORKSHOPS ... ... (Including Workshop Laundries)	156	2	,,
WORKPLACES ... ... (Other than Outworkers' premises)	3	Nil.	,,
TOTAL ...	221	10	Nil.

2—DEFECTS FOUND IN FACTORIES, WORKSHOPS and WORKPLACES.

Particulars. (1)	Number of Defects. Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	Number of offences in respect of which Prosecutions were instituted. (5)
*Nuisances under the Public Health Acts—**				
Want of Cleanliness	10	10	Nil	Nil
Want of Ventilation	Nil	Nil	,,	,,
Overcrowding	,,	,,	,,	,,
Want of Drainage of Floors	2	2	,,	,,
Other Nuisances	2	2	,,	,,
Sanitary Accommodation — Insufficient	Nil.	Nil.	,,	,,
Sanitary Accommodation — Unsuitable or Defective ...	,,	,,	,,	,,
Sanitary Accommodation — Not separate for sexes	,,	,,	,,	,,
Offences under the Factory and Workshop Acts—				
Illegal occupation of underground bakehouse (s. 101)	,,	,,	,,	,,
Other offences— (Excluding offences relating to outwork and offences under the sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921)	,,	,,	,,	,,
Total	14	14	Nil	Nil

*Including those specified in sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

ACTS, BYE-LAWS AND REGULATIONS IN FORCE IN THE DISTRICT.

Adoptive Acts.

Infectious Diseases Prevention Act, 1890.

Public Health Act (Amendment) Act, 1890, Part III.

Public Health Act (Amendment) Act, 1907, Parts of.

Private Street Works Act, 1892.

Public Health Act, 1925, Parts of Part II.
Part III. except Sec. 39.
Part IV.

Slaughter of Animals Act, 1933.

Bye-Laws.

New Streets and Buildings (Sec. 175 P.H.A. 1875, and Sec. 23 P.H.A.(A.)A. 1890).

Scavenging and Cleansing (Sec. 44 P.H.A. 1875).

Offensive Trades (Sec. 113 P.H.A. 1875).

Slaughter-houses (Sec. 169 P.H.A. 1875).

Regulations under the Dairies, Cowsheds, and Milkshops Order, 1886, were revoked by the Milk and Dairies Order, 1926.

SECTION " D."

HOUSING

Section D.

1. INSPECTION OF DWELLING-HOUSES DURING THE YEAR.

(1)	(*a*)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	1,731
	(*b*)	Number of inspections made for the purpose ...	1,949
(2)	(*a*)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	255
	(*b*)	Number of inspections made for the purpose ...	1,367
(3)		Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	83
(4)		Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	241

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers 147

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR.

A—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.

(1)		Number of dwelling-houses in respect of which notices were served requiring repairs	25
(2)		Number of dwelling-houses which were rendered fit after service of formal notices—	
	(*a*)	By Owners	20
	(*b*)	By Local Authority in default of Owners	Nil

B—Proceedings under Public Health Acts.

(1)		Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	1
(2)		Number of dwelling-houses in which defects were remedied after service of formal notices—	
	(*a*)	By Owners	1
	(*b*)	By Local Authority in default of Owners	Nil

C—Proceedings under Sections 11 and 13 of the Housing Act, 1936—

(1)	Number of dwelling-houses in respect of which Demolition Orders were made	Nil
(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders	3

D—Proceedings under Section 12 of the Housing Act, 1936—

(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room have been rendered fit	Nil

Housing Act, 1936, Part IV. Overcrowding.

(*a*)	1. Number of dwellings overcrowded 31st December, 1937	15
	2. Number of familes dwelling therein	16
	3. Number of persons dwelling therein	62½
(*b*)	Number of new cases of overcrowding reported during the year	5
(*c*)	1. Number of cases of overcrowding relieved during the year	6
	2. Number of persons concerned in such cases ...	35½
(*d*)	Cases of recurring overcrowding	Nil

Number of new houses erected during the year	45
(1) By the Local Authority	9
(2) By other Local Authorities	1
(3) By other bodies and persons	35

Nuisances.

Total No. of Nuisances during year	257
(1) Abated as result of informal action by Sanitary Inspectors	256
(2) Reported to Council—	
Statutory Notice Issued	1
Statutory Notice not issued	Nil

Details of Nuisances abated.	After Informal Intimation	After Statutory Notice
Overcrowding	7	Nil
Smoke	13	Nil
Accumulation of refuse	12	Nil
Foul ditches, ponds and stagnant water	32	1
Foul pigs and other animals (Chickens, Pigeons, Rabbits, Ducks) ...	14	Nil
Dampness	47	Nil
Yards re-paved or repaired	106	Nil
Other nuisances	26	Nil

SECTION "E."

INSPECTION

AND

SUPERVISION OF FOOD.

SECTION E.

(*a*) MILK SUPPLY.

Cow Stables.

Number on Register	91
Number of Inspections	575
Contravention of Regulations	34
Contraventions Remedied	34
Number of Milch Cows in District ...	Approximately 1,290
Veterinary Inspection by County Council ...	Quarterly

Dairies and Milk Shops.

Number on Register	47
Number of Inspections	344
Frequency of Inspections	Fortnightly
Contravention of Regulations	14
Contraventions Remedied	14

No instance of disease attributed to milk during the year.

The Sale of Food and Drugs Act and Milk and Cream Regulations are administered by the County Council.

MILK (Special Designations) ORDER, 1936/1938.

Total Number of Producers on Register	91
Total Number of Premises on Register	96
Number of Accredited Producers on Register	32
Number of Accredited Premises on Register	38
Number of T.T. Producers on Register	1
Number of T.T. Premises on Register	3

233 Samples of Accredited Milks were taken by the Officers of the Lindsey County Council and submitted to the Plate Count and B. Coli Test at their Laboratory. Out of these, 78 proved to be unsatisfactory. Special visits were made in these cases when subsequent samples proved to be in order.

No samples of milk were submitted for Biological Tests during the year.

(*b*) MEAT AND OTHER FOODS.

Slaughterhouses.

Number of Slaughterhouses on Register, January, 1937	8
Number of Slaughterhouses on Register, December, 1937	8
Number of Inspections	562

Number of Animals inspected at Slaughterhouses.

Beasts.	Sheep.	Pigs.	Calves.	Horses.
360	1,089	403	231	121

Frequency of Inspections...All slaughter days and on notification.

Contravention of Bye-laws	23
Defects remedied	23
Breaches of Public Health (Meat) Regulations, 1924	4

Inspections of Butchers' Shops and Vans : Shops 347 ; Vans 536

Bakehouses.

Number in district	11
Number of underground Bakehouses	Nil.
Number of inspections	280
Contraventions of Factory Acts	13
Defects remedied	13

All Bakehouses are limewashed, etc., twice a year.
These are, generally speaking, very satisfactory.

UNSOUND FOOD (Surrendered).

1 horse carcase and all organs ...	High blood content.
1 heifer carcase and offal	Gen. Tuberculosis.
6 pig carcases and offal	Dropsy and emaciation.
1 pig carcase and offal	Tuberculosis.
2 beast kidneys	Nephritis.
9 beast livers	Cirrhosis.
2 beast livers	Distomatosis.
1 set beast lungs	Abscesses.
3 beast livers	Abscesses.
1 beast liver	Tuberculosis.
3 beast heads and tongues	Tuberculosis.
1 beast head and tongue	Actinomycosis.
1 beast liver	Hydatid Cysts.
2 pigs livers	Cirrhosis.
3 pigs livers	Hydatid Cysts.
1 pigs pluck	Cirrhosis.
1 pigs pluck	Tuberculosis.
11 lbs. pork	Fractured humerus.
1 pigs' head, pluck and strippings	Tuberculosis.
2 sheeps' livers	Cirrhosis.
1 set sheeps' lungs	Strongyli.

CARCASES INSPECTED AND CONDEMNED.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known)	387	63	23	1,089	493
Number inspected ...	343	63	23	1,051	493
All Diseases except Tuberculosis— Whole carcases condemned	Nil	Nil	Nil	Nil	Nil
Carcases of which some part or organ was condemned	10	8	Nil	2	5
Percentage of the number inspected affected with disease other than tuberculosis	2.9	12.7	Nil	.19	1.01
Tuberculosis only. Whole carcases condemned	1	Nil	Nil	Nil	1
Carcases of which some part or organ was condemned	3	5	Nil	Nil	1
Percentage of the number inspected affected with tuberculosis	1.03	7.93	Nil	Nil	.41

Adulteration.

(*c*) No action has been taken under the Food and Drugs (Adulteration) Act, 1928.

(*d*) **Chemical Examination of Food.**

Samples when required for examination are sent to the Public Analyst, City of Hull.

Bacteriological Examination of Food.

Samples are made at the Lindsey County Council Laboratories, Lincoln.

(*e*) **Nutrition.**

Advice on this subject is given by the Lindsey County Council Health Staff.

(*f*) **Shell-Fish.**

No shell-fish beds or layings exist in this District.

SECTION "F."

PREVALENCE OF

AND

CONTROL OVER INFECTIOUS DISEASES.

SECTION F.

(1) Isolation Hospital Accommodation.

28 cases of Scarlet Fever were admitted to Osgodby Hospital.

2 Scarlet Fever Cases, 1 case of Erysipelas and 1 Diphtheria case were admitted to the Scartho Isolation Hospital, Grimsby.

On 1st April. 1936, the North East Lindsey Hospital Scheme became operative in regard to admission to Osgodby Hospital.

There was a mild epidemic of Scarlet Fever centered in the village of Healing, in the Spring, no deaths occurred from this cause.

Disinfection and Disinfestation.

Rooms disinfected	69
(*a*) Infectious Disease, except Tuberculosis ...	55
(*b*) Tuberculosis	14
Rooms stripped and cleansed	12
Articles disinfected or destroyed	93
(*a*) Infectious Disease, except Tuberculosis ...	79
(*b*) Tuberculosis	14

Parishes.	Scarlet Fever.	Pneumonia	Erysipelas.	Diphtheria.	Puerperal Pyrexia.	Acute Poliomyelitis.	Ophthalmia Neonatorum	Chicken Pox.	Totals.
Ashby-cum-Fenby	—	—	—	—	—	—	—	1	1
Aylesby	—	—	—	—	—	—	1	—	1
Healing	22	2	—	—	—	—	—	—	24
Humberston ...	3	—	—	1	—	—	1	4	9
Immingham ...	2	1	—	—	1	—	—	—	4
Laceby	—	5	1	—	1	—	—	—	7
Stallingborough	1	1	—	—	—	1	—	—	3
Waltham ...	5	—	1	—	—	—	—	1	7
Totals ...	33	9	2	1	2	1	2	6	56

NOTIFIABLE DISEASES DURING THE YEAR, 1937.

	Total Cases Notified.													Cases Admitted to Hospital.													
	Under 1 year	1 year to 2 years	2 years to 3 ,,	3 ,, 4 ,,	4 ,, 5 ,,	5 ,, 10 ,,	10 ,, 15 ,,	15 ,, 20 ,,	20 ,, 35 ,,	35 ,, 45 ,,	45 ,, 65 ,,	65 and over	Totals	Under 1 year	1 year to 2 years	2 years to 3 ,,	3 ,, 4 ,,	4 ,, 5 ,,	5 ,, 10 ,,	10 ,, 15 ,,	15 ,, 20 ,,	20 ,, 35 ,,	35 ,, 45 ,,	45 ,, 65 ,,	65 and over	Totals	Total Deaths.
Small pox																											
Scarlet Fever ...		1	3	3	1	13	4	2	2	4			33		2	1	3	2	12	5	3	1	1			30	
Diphtheria ...								1					1								1					1	
Enteric Fever including Paratyphoid ...																											
Puerperal Fever ...																											
Puerperal Pyrexia									2				2														
Pneumonia ...									3	1	3	2	9														4
Erysipelas ...						1			1				2						1							1	
Acute Poliomyelitis	1												1														
Ophth. Neonatorum	2												2														
Chicken Pox ...	1					4	1						6														
Totals ...	4	1	3	3	1	18	5	3	8	5	3	2	56		2	1	3	2	13	5	4	1	1			32	4

TUBERCULOSIS.

	New Cases.				Deaths.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	Males	Females	Males	Females	Males	Females	Males	Females
Under 1 year ...	—	—	—	—	—	—	—	—
1—5 years ...	—	1	1	—	—	—	1	—
5—15 ,, ...	—	—	1	1	—	—	—	—
15—25 ,, ...	—	—	—	—	—	—	—	—
25—35 ,, ...	2	2	—	—	1	2	—	—
35—45 ,, ...	—	1	—	—	2	—	—	—
45—55 ,, ...	—	1	—	—	—	1	—	—
55—65 ,, ...	—	—	—	—	—	—	1	—
65 years and over	1	—	—	—	—	—	—	—
Totals ...	3	5	2	1	3	3	2	—

Ratio of non-notifiable deaths 2.8.

TUBERCULOSIS DEATHS (according to Occupations).

Males.	Respiratory.	Non-Respiratory.
Clerk	1	—
Labourers' Fitter	1	—
Farm Labourer	1	1
Infant	—	1
	3	2

Females.	Respiratory.	Non-Respiratory.
Domestic Servant	1	—
Spinster	1	—
Housewife	1	—
	3	Nil

OPHTHALMIA NEONATORUM.

CASES TREATED			Vision Unimpaired	Vision Impaired	Total Blindness	Deaths
Notified	At Home	In Hospital				
2	2	—	2	—	—	—

PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS, 1925.

It has not been found necessary to take any action under these regulations, no notification of any one employed in the milk trade having come under notice.

PUBLIC HEALTH ACT, 1936 (Section 139.)

No cases have been dealt with in this District under this Section.

CANCER DEATHS.

Age groups	1—50	50—60	60—70	70—80	over 80	Total
Male	1	2	1	2	1	7
Female	2	2	4	5	3	16
Totals	3	4	5	7	4	23

PORT OF IMMINGHAM.

ANNUAL REPORT OF THE PORT MEDICAL OFFICER OF HEALTH FOR 1937.

I.—Amount of Shipping Entering the Port during the Year.

Table A.

	Number.	Tonnage.	Number Inspected.		Number reported to be Defective.	Number of vessels on which defects were remedied.	No. of vessels reported as having or having had, during the voyage infectious disease on board.
			By the Medical Officer of Health.	By the Sanitary Inspector.			
Foreign—							
Steamers	725	885,443	26	522	27	27	3
*Motor	17	43,759	Nil	17	Nil	Nil	Nil
Sailing	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Fishing	5	777	Nil	Nil	Nil	Nil	Nil
Total Foreign	747	929,979	26	539	27	27	3
Coastwise-							
Steamers	841	876,591	Nil	581	18	18	Nil
*Motor	56	13,109	Nil	24	Nil	Nil	Nil
Sailing	1	266	Nil	1	Nil	Nil	Nil
Fishing	34	5,608	Nil	Nil	Nil	Nil	Nil
Small Craft	453	25,942	Nil	Nil	Nil	Nil	Nil
Total Coastwise	1,385	921,516	Nil	606	18	18	Nil
Total Foreign and Coastwise	2,132	1,851,495	26	1,145	45	45	3

* Includes mechanically propelled vessels other than steamers.

II —Character of Trade of Port.

Table B.

(*a*) *Passenger Traffic during the year* :—

No. of Passengers	1st Class	2nd Class	3rd Class	Transmigrants.
Inwards ...	3,374	Nil	Nil	Nil
Outwards ...	3,305	Nil	Nil	Nil

Countries from which Passengers principally arrive :—

Tourist Traffic only ... Orient Line, R.M.S.P.Co., Blue Star, and White Star Line.

(*b*) *Cargo Traffic.*

Principal Imports ... Timber, Iron-ore and Molasses. Total 590,388 tons.

Principal Exports	...	Coal and Coke ...	2,488,459 tons.
		Various	320,119 tons.
		Total Exports	2,808,578 tons.

Foreign Ports from which vessels arrive—

Imports ... Sweden, Spain, France, Russia and Latvia.

Exports ... Germany, Holland, France, Belgium, Sweden and Denmark.

General ... China, Japan, India and Australia.

III.—Water Supply.

(1) Source of supply for
(*a*) the Port ... Deep bore well and gravity pressure to mains.
(*b*) shipping ... Deep bore well and gravity pressure to mains and thence by stand-pipe leather hose to ship's tanks.

(2) Hydrants and hosepipes.
What precautions are taken against contamination ?
Supervision by Port Sanitary Inspector and Port water man, when in use.
A sufficient quantity of water is allowed to run to waste before connection to ships' tanks to ensure against contamination.

(3) Number of water boats and their sanitary condition.
Not used as standard supply, but in case of emergency, tanks aboard tugs (12 tons capacity) are used. These are cleansed and cement washed regularly every three months.
The water supply from the mains is regularly submitted for analysis.

IV. PORT SANITARY REGULATIONS, 1933.

(1) **Arrangements for dealing with Declarations of Health :—**

The Forms of Declaration of Health are delivered when the ship is boarded by the Customs Officers, who request the form to be completed. They are then returned to the Port Sanitary Authority by the Customs Officers.

(2) **Boarding of Vessels on arrival :—**

All Vessels on arrival are boarded by Customs Officers, who report any sickness immediately to this Authority.

(3) **Notification to the Authority of inward vessels requiring special attention (wireless messages, land signal stations, information from Pilots, Customs Officers, etc.) :—**

Notification by wireless to Humber Radio Station, thence by telephone—or if ship not equipped with wireless by land signals.

(4) **Mooring Stations designated under Article 10 :—**

(*a*) Within the Docks ... 2 berths.

(*b*) Outside the Docks ... 1 berth.

(5) **Particulars of any standing exemptions from the provisions of Article 14 :—**

Nil.

(6) **Experience of working of Article 16: —**

Satisfactory.

(7) **What, if any, arrangements have been made for :—**

(*a*) Premises and waiting rooms for medical examination :

Accommodation is available for medical examination in the Dock Office building.

(*b*) Cleansing and disinfection of ships, persons and clothing and other articles :—

By fumigation or spraying of quarters as found necessary. Clothing, bedding, etc., is dealt with by the steam disinfector on the Dock premises.

(*c*) Premises for the temporary accommodation of persons for whom such accommodation is required for the purposes of the Regulations :—

None.

(*d*) Hospital accommodation available for Plague, Cholera, Yellow Fever, Smallpox and other infectious diseases :—

Isolation Hospital, Port of Immingham.

(*e*) Ambulance transport :—
Ambulance kept at the Hospital.

(*f*) Supervision of contacts :—

Notification to Medical Officers of Health for supervlsion of any contacts.

The above Regulations are working satisfactorily.

(8) **Arrangements for the bacteriological or pathological examination of rats for plague :—**

Examinations are now performed at the Cleethorpes Laboratory.

(9) **Arrangements for other bacteriological or pathological examinations :—**

Clinical Research Association, London.

(10) **Arrangements for the diagnosis and treatment of venereal disease among sailors under international arrangements :—**

By arrangement with the County Borough of Grimsby.

(11) **Arrangements for the interment of dead :—**

By ambulance from the Immingham Isolation Hospital.

(12) **Other matters, if any, requiring or receiving attention :—**

Nil.

The above Regulations are working satisfactorily.

Table C.

CASES OF INFECTIOUS SICKNESS LANDED FROM VESSELS.

Disease.	No. of Cases during the year Passengers.	Crew.	No. of Vessels concerned.	Average No. of Cases for previous 5 years.
Tonsilitis ...	Nil	1	1	0.6

Table D.

CASES OF INFECTIOUS SICKNESS OCCURRING ON VESSELS DURING THE VOYAGE BUT DISPOSED OF PRIOR TO ARRIVAL.

Disease.	No. of Cases during the year. Passengers.	Crew.	No. of Vessels concerned.	Average No. of cases for previous 5 years.
Malaria ...	Nil.	1	1	Nil
Mumps ...	1	Nil	1	0.4

V. MEASURES AGAINST RODENTS.

(1) Steps taken for detection of rodent plague :—

(*a*) In ships in the port—

The Port Sanitary Inspector is Rat Searcher.

(*b*) On quays, wharves, warehouses, etc., in the vicinity of the port.

A Rat Searcher is employed by the Dock Company and Private Companies.

(2) Measures taken to prevent the passage of rats between ships and the shore.

Rat Guards, rat-proof gangway doors and tarred parcelling of ropes.

(3) Methods of deratisation of

(*a*) Ships—Fumigation with suplhur dioxide or hydrogen cyanide according to circumstances, and elimination of rat harbourage.

(*b*) Premises in the vicinity of docks or quays :—
The employment of rat catchers, trapping, poisoning and elimination of rat harbourage.

(4) Measures taken for the detection of rat prevalence in ships and the shore.

Ships examined by the Port Sanitary Inspector, who is Rat Searcher.

On shore dock premises are examined periodically by a Rat Searcher employed by the Dock Company.

(5) Rat-proofing.

(*a*) To what extent are docks, wharves, warehouses, etc., rat proof ?

Special attention paid to removal of all material likely to provide rat harbourage and the warehouses are built of concrete and metal and specificially designed to be rat proof.

(*b*) Action taken to extend rat-proofing :—

(i) in ships ... advice given by Port Sanitary Inspector, where necessary.

(ii) on shore ... existing structures are rat-proof, and advice given whenever required for the making of new structures rat-proof.

RATS DESTROYED DURING 1937.

TABLE E. (1) On Vessels.

Number of Rats.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total in Year.
Black	Nil	47	Nil	Nil	Nil	Nil	Nil	Nil	19	Nil	24	Nil	90
Brown	,,	16	,,	,,	,,	,,	,,	,,	Nil	,,	Nil	,,	16
Species not recorded ...	,,	Nil	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	Nil
Examined	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	Nil
Infected with Plague ...	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	Nil

TABLE F. (2) In Docks, Quays, Wharves and Warehouses

Number of Rats.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total in Year.
Brown	Nil	1	3	2	2	Nil	Nil	1	Nil	3	1	Nil	13
Black	,,	Nil	Nil	1	Nil	,,	,,	Nil	,,	Nil	Nil	,,	1
Species not recorded ...	,,	,,	,,	Nil	,,	,,	,,	,,	,,	,,	,,	,,	Nil
Examined	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	Nil
Infected with Plague ...	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	Nil

NOTE—I am of the opinion that the numbers shown in Table F(2) do not represent the number of rats that could be distroyed if more attention was given to this work and it is my intention to request that more time be given in this direction.

TABLE G. Measures of Rat Destruction on Plague " infected " or " suspected " Vessels or Vessels from plague infected ports arriving in the Port during the year.

Total Number of such Vessels arriving.	Number of such Vessels fumigated by SO_2	Number of Rats killed.	Number of such Vessels fumigated by H.C.N.	Number of Rats killed.	Number of such vessels on which trapping, poisoning, etc. were employed.	Number of Rats Killed.	Number of such vessels on which measures of Rat destruction were not carried out.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
None	—	—	—	—	—	—	—

TABLE H. Deratisation Certificates and Deratisation Exemption Certificates issued during the year.

Net Tonnage.	No. of Ships.	No. of Deratisation Certificates Issued.				Total.	No. of Deratisation exemption Certificates issued.	Total Certificates Issued.
		After Fumigation with			After Trapping, Poisoning etc.			
		H.C.N.	Sulphur.	H.C.N. and Sulphur.				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ships up to 300 tons	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
,, from 301 tons to 1,000 tons	19	,,	,,	,,	,,	,,	19	19
,, ,, 1,001 ,, 3,000 ,,	34	1	1	,,	,,	2	32	34
,, ,, 3,001 ,, 10,000 ,,	10	Nil	2	,,	,,	2	8	10
,, over 10,000 ,, ...	Nil	,,	Nil	,,	,,	Nil	Nil	Nil
Totals	63	1	3	Nil	Nil	4	59	63

VI. Hygiene of Crews' Spaces.

Table J.

Classification of Nuisances.

Nationality of vessel.	Number inspected during the year.	Defects of original construction.	Structural defects through wear and tear.	Dirt, vermin and other conditions prejudicial to health.
British	157	11	34	41
Other Nations	988	1	43	47

VII. Food Inspection.

(1) Action taken under the Public Health (Imported Food) Regulations, 1925, the Public Health (Imported Food) Amendment Regulations, 1933, the Public Health (Imported Milk) Regulations, 1926, and the Public Health (Preservatives, etc., in Food) Regulations, 1925 to 1927.

None.

(2) *Shell-fish.* Information respecting any shell-fish beds or layings within the jurisdiction of the P.S.A. stating whether they are in the opinion of the Medical Officer liable to pollution. Report of any action taken under the Public Health (Shell-fish) Regulations, 1934, or the Public Health (Cleansing of Shell-fish) Act, 1932.

None.

(3) Number of Samples of Food examined by :—

(*a*) Bacteriologist.

Nature of Sample. Result of Examination.

None.

(*b*) Analyst.

Nature of Sample. Result of Examination

None.